

OCT 13 2006

PATENT APPLN. NO. 10/695,459  
AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT AND  
ELECTION OF SPECIES REQUIREMENT

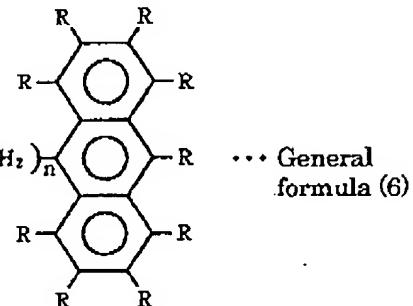
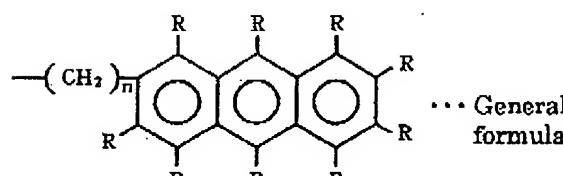
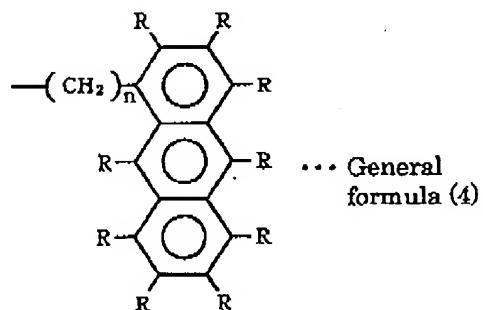
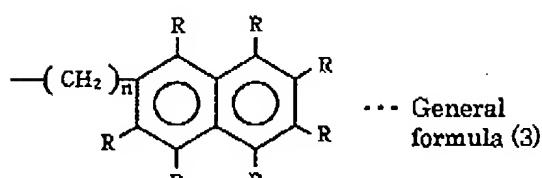
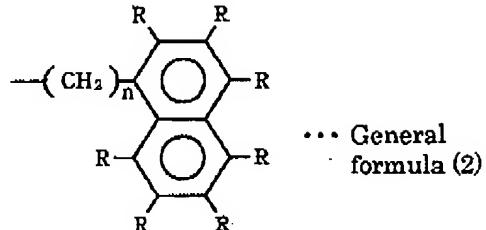
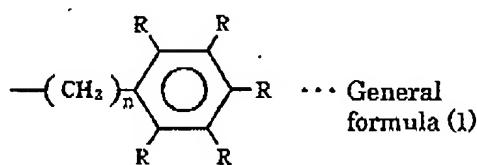
PATENT

IN THE CLAIMS:

1. (original) An allergen inhibitor comprising at least one compound selected from the group consisting of an aromatic hydroxy compound, an alkali metal carbonate, alum, lauryl benzene sulfonate, lauryl sulfate, polyoxyethylene lauryl ether sulfate, and a divalent or more sulfate having either or both of a polyoxyethylene chain and a polyethylene chain in the molecule thereof.
  
2. (original) The allergen inhibitor according to claim 1, wherein the aromatic hydroxy compound is a compound having, in a linear polymer, at least one of substituent groups represented by the general formulas (1) to (6):

PATENT APPLN. NO. 10/695,459  
AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT AND  
ELECTION OF SPECIES REQUIREMENT

PATENT

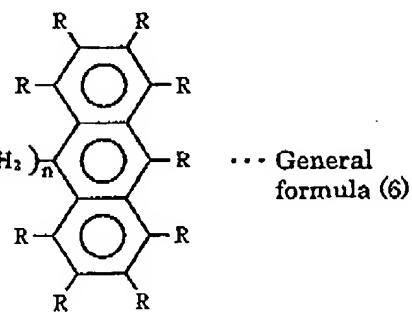
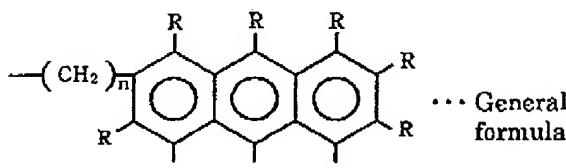
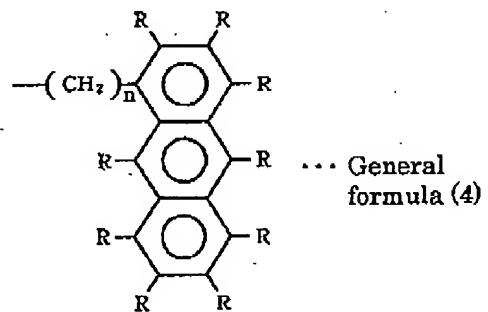
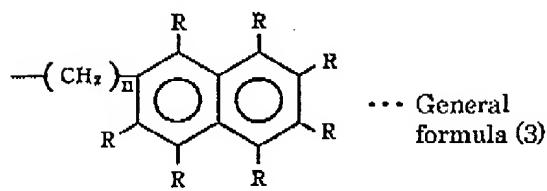
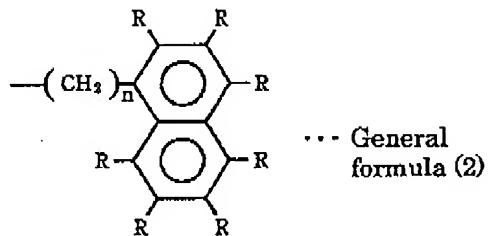
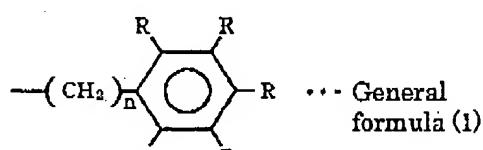


wherein R is a hydrogen atom or a hydroxyl group, and at least one R is a hydroxyl group, and n is an integer of 0 to 5.

3. (original) The allergen inhibitor according to claim 2, wherein only one of the substituent groups R is a hydroxyl group, and all the other substituent groups R are hydrogen atoms.

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT AND  
ELECTION OF SPECIES REQUIREMENT

4. (original) The allergen inhibitor according to claim 1, wherein the aromatic hydroxy compound is obtained by polymerizing or copolymerizing a monomer having at least one of substituent groups represented by the general formulas (1) to (6):



wherein R is a hydrogen atom or a hydroxyl group, and at least one R is a hydroxyl group, and n is an integer of 0 to 5.

PATENT APPLN. NO. 10/695,459  
AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT AND  
ELECTION OF SPECIES REQUIREMENT

PATENT

5. (original) The allergen inhibitor according to claim 4,  
wherein only one of the substituent groups R is a hydroxyl group,  
and all the other substituent groups R are hydrogen atoms.

6. (original) The allergen inhibitor according to claim 1,  
wherein the aromatic hydroxy compound is an aromatic heterocyclic  
hydroxy compound.

7. (original) The allergen inhibitor according to claim 1,  
wherein the divalent or more sulfate having either or both of a  
polyoxyethylene chain and a polyethylene chain in the molecule  
thereof is alkyl diphenyl ether disulfonate.

8. (original) An allergen inhibitor comprising a phosphate and  
either or both of zinc sulfate and lead acetate.

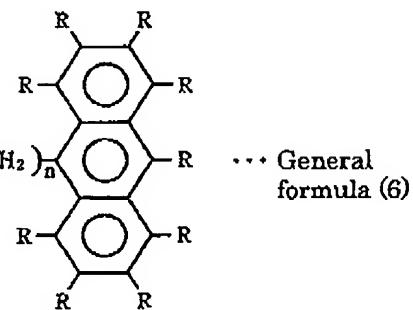
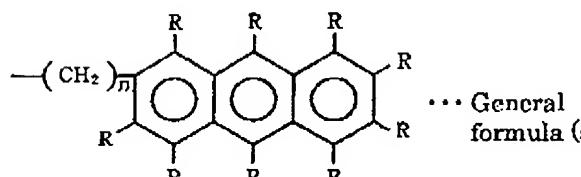
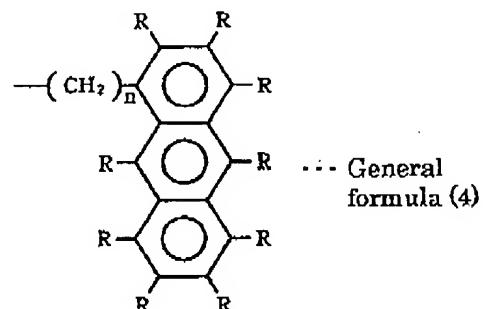
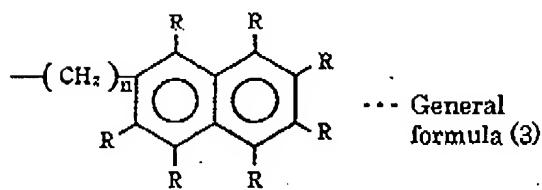
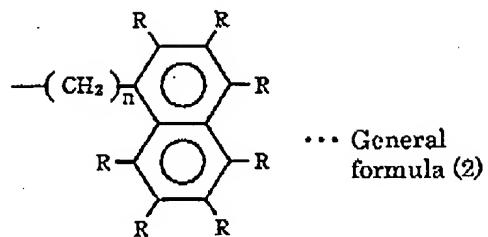
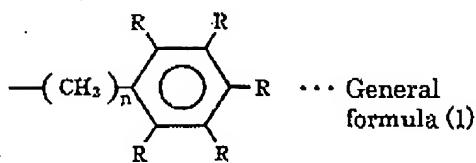
9. (original) An allergen inhibitor comprising an aqueous  
solution containing aluminum sulfate and at least one sulfate  
selected from the group consisting of sodium sulfate, potassium  
sulfate, ammonium sulfate and thallium sulfate.

10. (original) The allergen inhibitor according to claim 9,

which comprises sodium sulfate and aluminum sulfate, wherein the total concentration of sodium sulfate and aluminum sulfate is 0.5 to 50% by weight.

11. (original) A method of inhibiting allergens which comprises supplying at least one compound selected from the group consisting of an aromatic hydroxy compound, an alkali metal carbonate, alum, lauryl benzene sulfonate, lauryl sulfate, polyoxyethylene lauryl ether sulfate, and a divalent or more sulfate having either or both of a polyoxyethylene chain and a polyethylene chain in the molecule thereof, in an object where allergens exist to inhibit the allergens.

12. (original) The method of inhibiting allergens according to claim 11, wherein the aromatic hydroxy compound is a compound having, in a linear polymer, at least one of substituent groups represented by the general formulas (1) to (6):

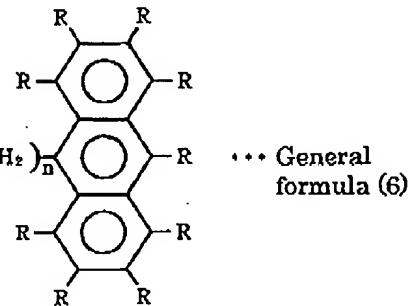
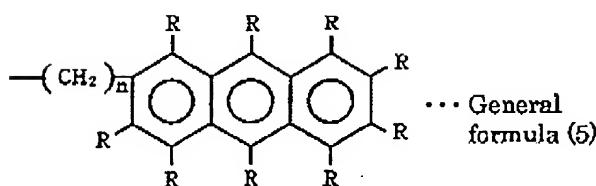
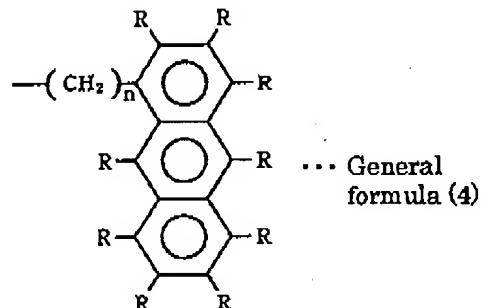
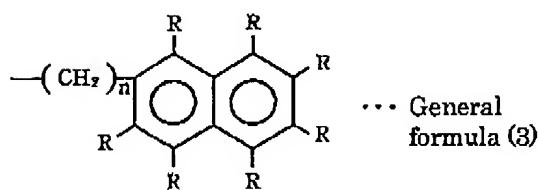
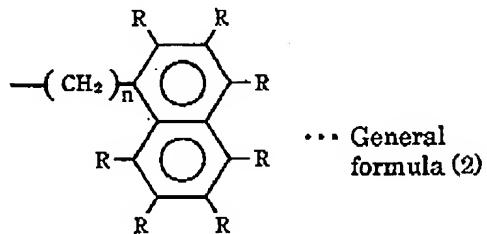
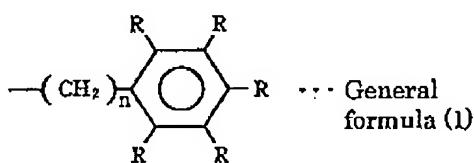


wherein R is a hydrogen atom or a hydroxyl group, and at least one R is a hydroxyl group, and n is an integer of 0 to 5.

13. (original) The method of inhibiting allergens according to claim 11, wherein the aromatic hydroxy compound is obtained by

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT AND  
ELECTION OF SPECIES REQUIREMENT

polymerizing or copolymerizing a monomer having at least one of  
substituent groups represented by the general formulas (1) to (6):



wherein R is a hydrogen atom or a hydroxyl group, and at least one R is a hydroxyl group, and n is an integer of 0 to 5.

14. (original) A method of inhibiting allergens which

PATENT APPLN. NO. 10/695,459  
AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT AND  
ELECTION OF SPECIES REQUIREMENT

PATENT

comprises supplying an aqueous solution containing aluminum sulfate and at least one sulfate selected from the group consisting of sodium sulfate, potassium sulfate, ammonium sulfate and thallium sulfate, in an object where allergens exist to inhibit the allergens.

15. (original) Allergen-inhibiting fibers comprising an allergen inhibitor contained in fibers.

16. (original) The allergen-inhibiting fibers according to claim 15, wherein the allergen inhibitor is chemically bound to fibers.

17. (original) The allergen-inhibiting fibers according to claim 15, wherein the allergen inhibitor is chemically bound to fibers by graft reaction.

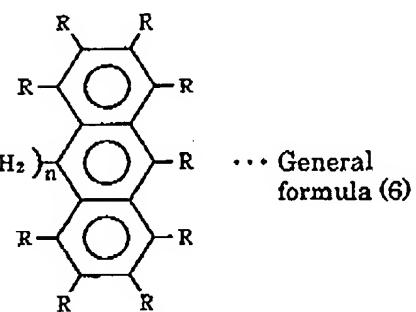
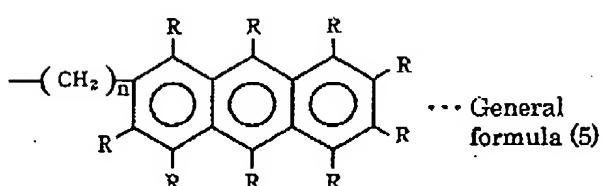
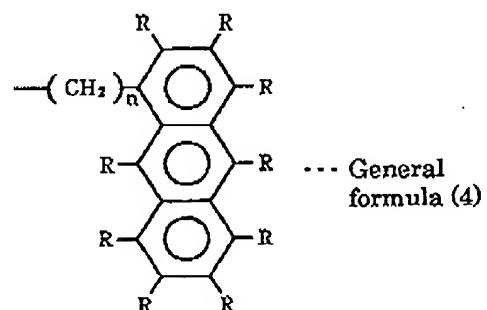
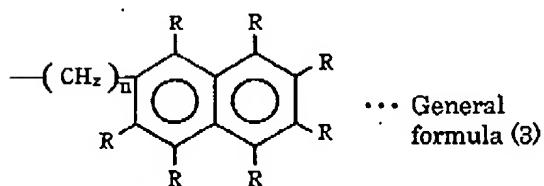
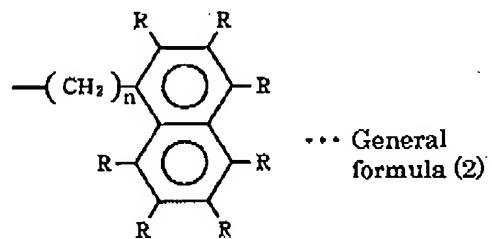
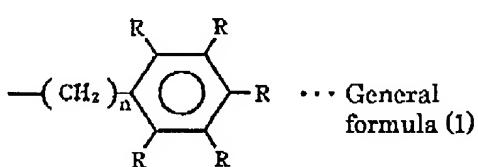
18. (original) The allergen-inhibiting fibers according to claim 15, wherein the allergen inhibitor is physically fixed or mixed in fibers.

19. (original) The allergen-inhibiting fibers according to

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT AND  
ELECTION OF SPECIES REQUIREMENT

claim 15, wherein the allergen inhibitor is an aromatic hydroxy compound.

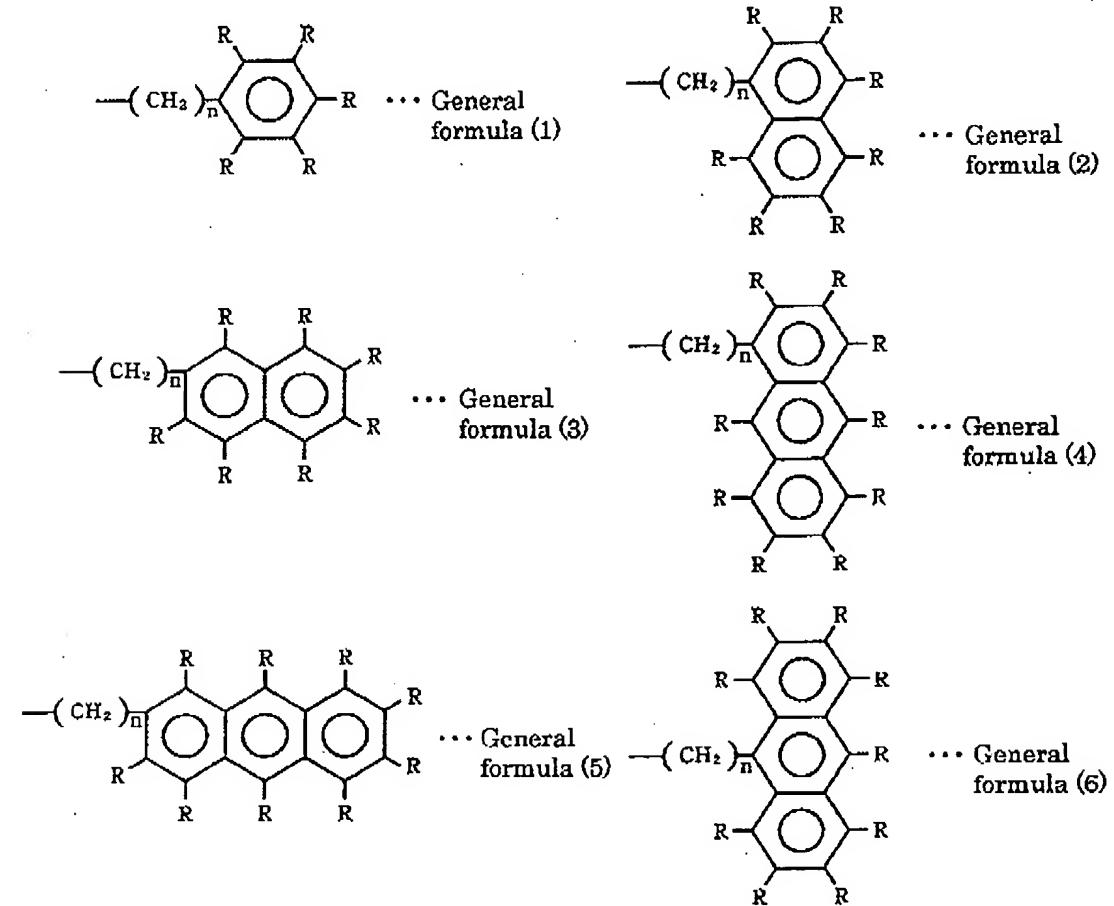
20. (original) The allergen-inhibiting fibers according to claim 19, wherein the aromatic hydroxy compound is a compound having, in a linear polymer, at least one of substituent groups represented by the general formulas (1) to (6):



wherein R is a hydrogen atom or a hydroxyl group, and at least one R is a hydroxyl group, and n is an integer of 0 to 5.

21. (original) The allergen-inhibiting fibers according to claim 20, wherein only one of the substituent groups R is a hydroxyl group, and all the other substituent groups R are hydrogen atoms.

22. (original) The allergen-inhibiting fibers according to claim 19, wherein the aromatic hydroxy compound is obtained by polymerizing or copolymerizing a monomer having at least one of substituent groups represented by the general formulas (1) to (6):

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT AND  
ELECTION OF SPECIES REQUIREMENT

wherein R is a hydrogen atom or a hydroxyl group, and at least one R is a hydroxyl group, and n is an integer of 0 to 5.

23. (original) The allergen-inhibiting fibers according to claim 22, wherein only one of the substituent groups R is a hydroxyl group, and all the other substituent groups R are hydrogen

atoms.

24. (original) The allergen-inhibiting fibers according to claim 19, wherein the aromatic hydroxy compound is an aromatic heterocyclic hydroxy compound.

25. (original) Allergen-inhibiting fibers which exhibit an allergen-inhibiting effect in an atmosphere of an absolute humidity of not higher than 50 g/m<sup>3</sup>.

26. (original) The allergen-inhibiting fibers according to claim 25, which comprises an allergen inhibitor and fibers capable of forming a reaction field capable of causing interaction with allergens by gathering water molecules in the air.

27. (original) The allergen-inhibiting fibers according to claim 26, wherein the fibers contain a hygroscopic compound.

28. (original) The allergen-inhibiting fibers according to claim 26, wherein the fibers are hygroscopic fibers.

29. (original) The allergen-inhibiting fibers according to

claim 26, wherein the surface of the fibers has a pH value of 6 or more.

30. (original) The allergen-inhibiting fibers according to claim 26, wherein the surface of the fibers contains an alkali metal oxide or alkaline earth metal oxide.

31. (original) The allergen-inhibiting fibers according to claim 26, wherein the surface of the fibers contains an alkali metal hydroxide or alkaline earth metal hydroxide.

32. (original) An allergen-inhibiting sheet comprising an allergen inhibitor comprising at least one compound selected from the group consisting of an aromatic hydroxy compound, an alkali metal carbonate, alum, lauryl benzene sulfonate, lauryl sulfate, polyoxyethylene lauryl ether sulfate, and a divalent or more sulfate having either or both of a polyoxyethylene chain and a polyethylene chain in the molecule thereof contained in a base sheet.

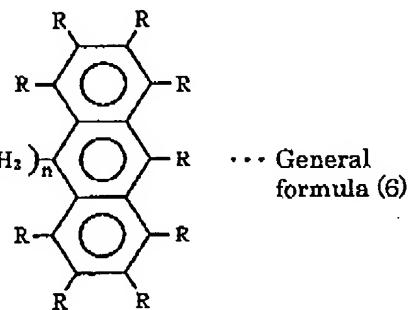
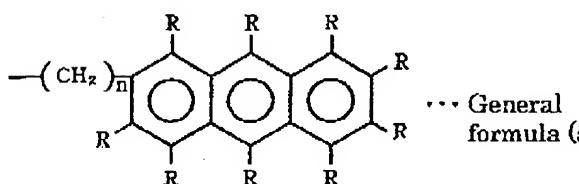
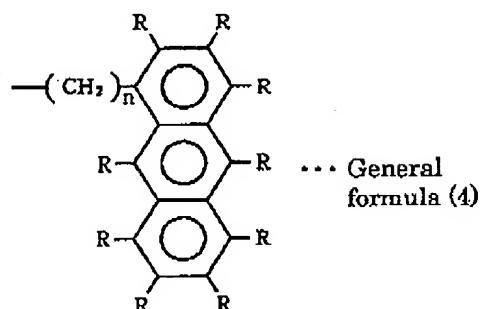
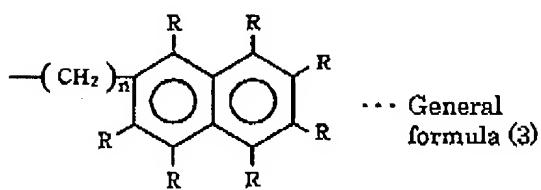
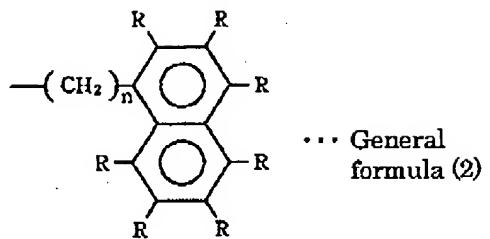
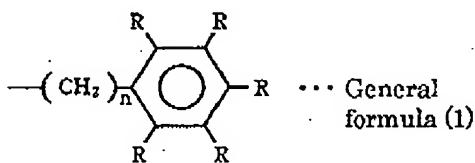
33. (original) An allergen-inhibiting sheet comprising an allergen inhibitor comprising a phosphate and either or both of

zinc sulfate and lead acetate contained in a base sheet.

34. (original) An allergen-inhibiting sheet comprising an allergen inhibitor comprising an aqueous solution containing aluminum sulfate and at least one sulfate selected from the group consisting of sodium sulfate, potassium sulfate, ammonium sulfate and thallium sulfate contained in a base sheet.

35. (new) A method of inhibiting allergens which comprises supplying at least one compound selected from the group consisting of an aromatic hydroxy compound, an alkali metal carbonate, alum, lauryl benzene sulfonate, lauryl sulfate, polyoxyethylene lauryl ether sulfate, and a divalent or more sulfate having either or both of a polyoxyethylene chain and a polyethylene chain in the molecule thereof, in an object where allergens are to be inhibited.

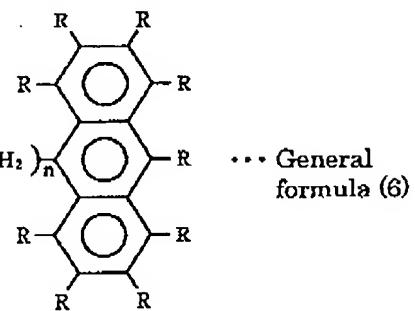
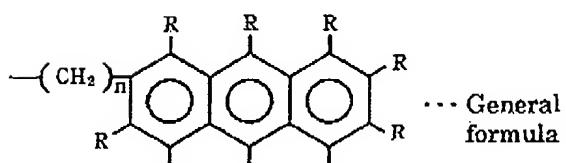
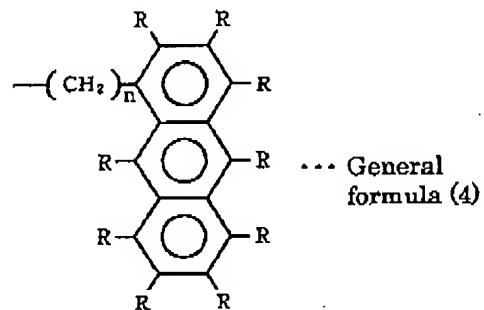
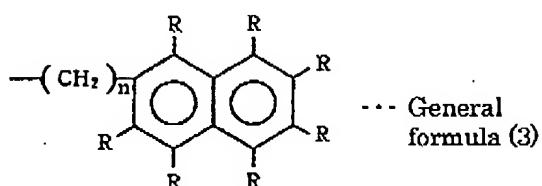
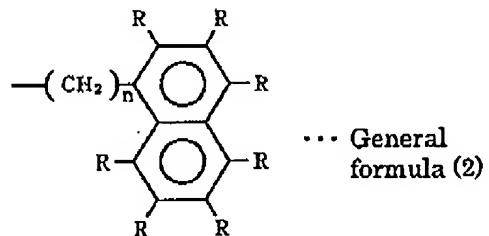
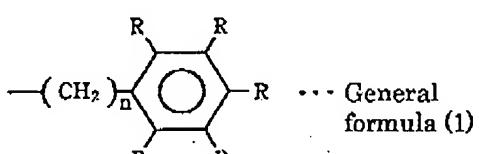
36. (new) The method of inhibiting allergens according to claim 35, wherein the aromatic hydroxy compound is a compound having, in a linear polymer, at least one of substituent groups represented by the general formulas (1) to (6):

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT AND  
ELECTION OF SPECIES REQUIREMENT

wherein R is a hydrogen atom or a hydroxyl group, and at least one R is a hydroxyl group, and n is an integer of 0 to 5.

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT AND  
ELECTION OF SPECIES REQUIREMENT

37. (new) The method of inhibiting allergens according to claim 35, wherein the aromatic hydroxy compound is obtained by polymerizing or copolymerizing a monomer having at least one of substituent groups represented by the general formulas (1) to (6):



wherein R is a hydrogen atom or a hydroxyl group, and at least one R is a hydroxyl group, and n is an integer of 0 to 5.